

$\frac{d}{dt} \left(\frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$

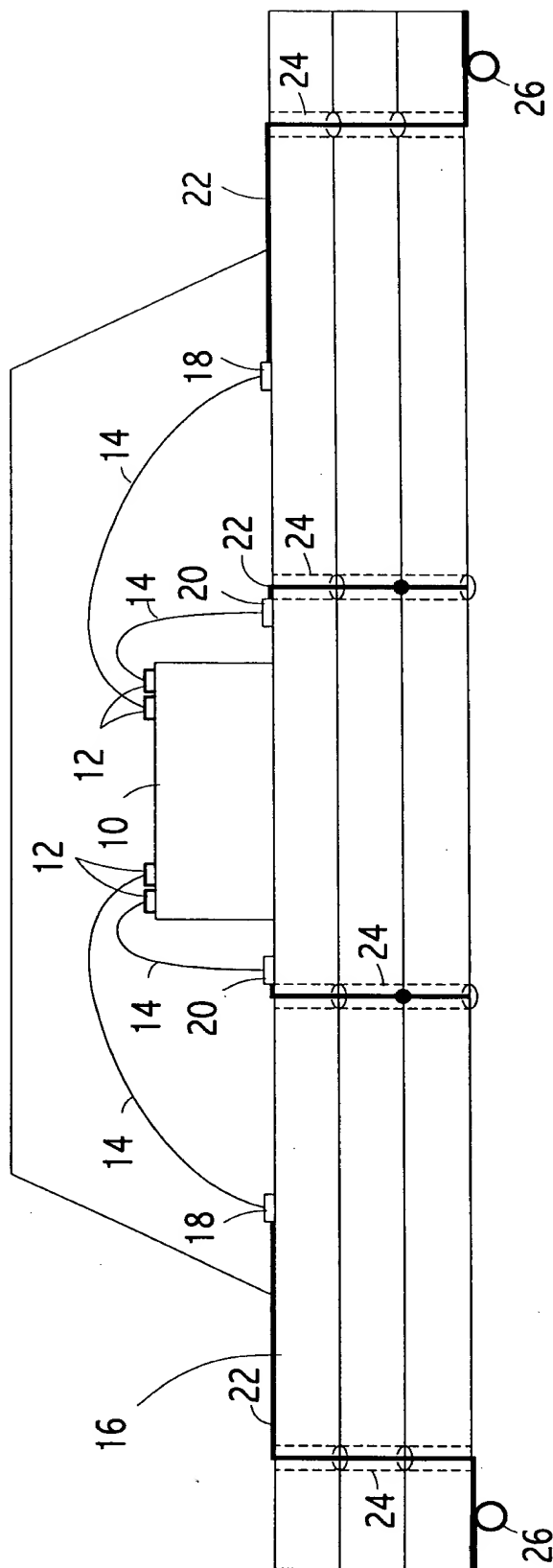


FIG. 1

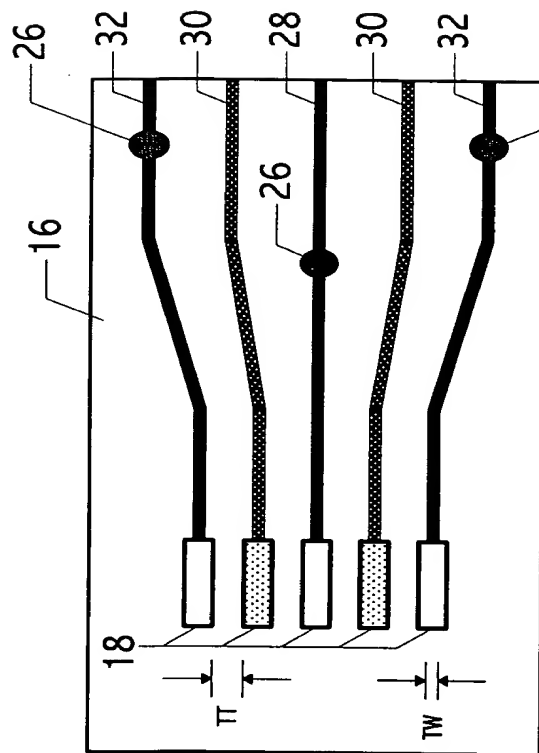


FIG. 2a

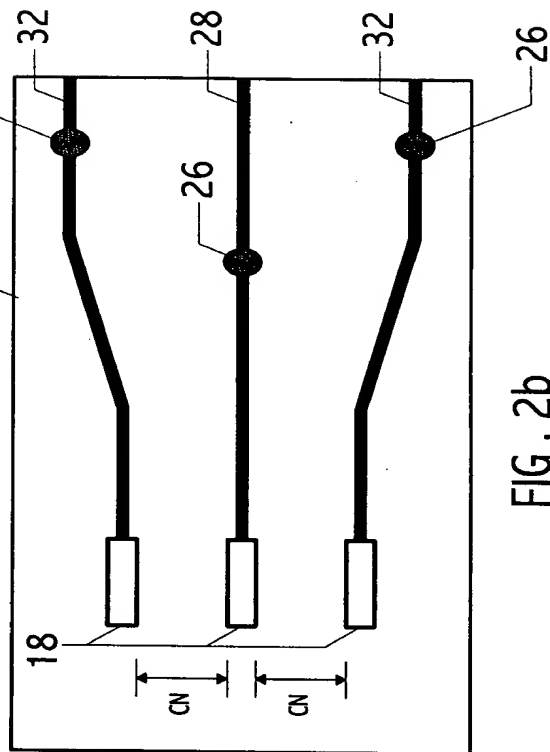


FIG. 2b

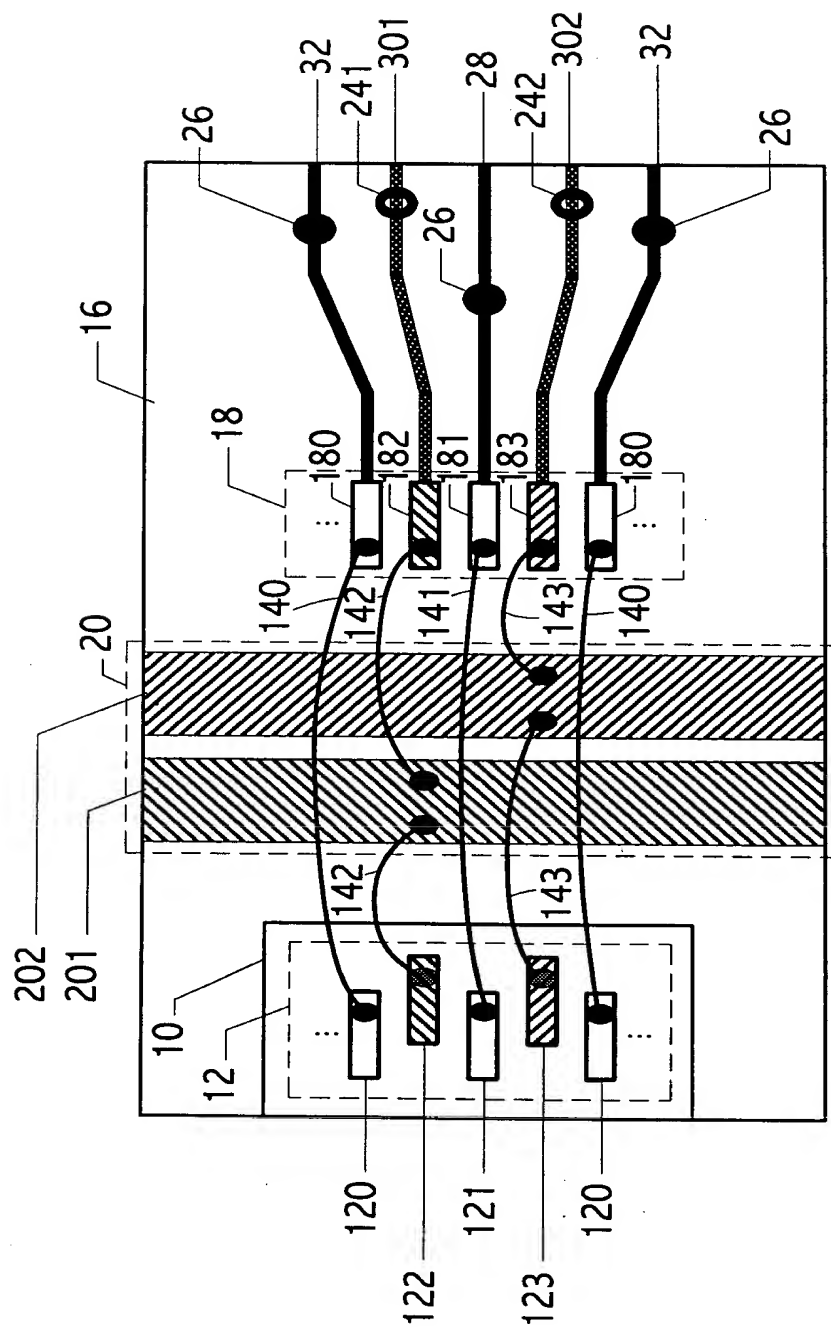


FIG. 4a

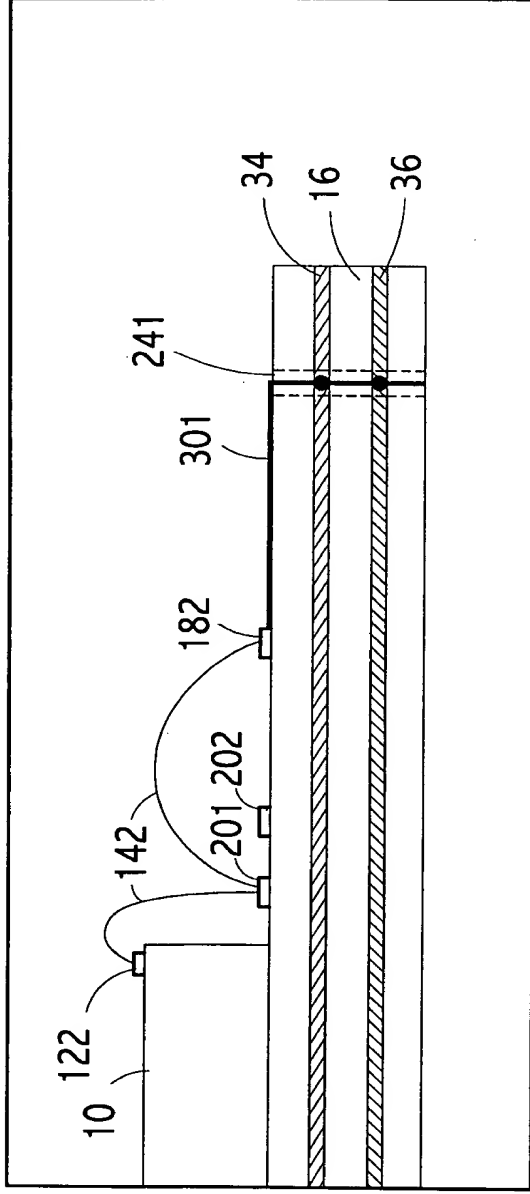


FIG. 4b

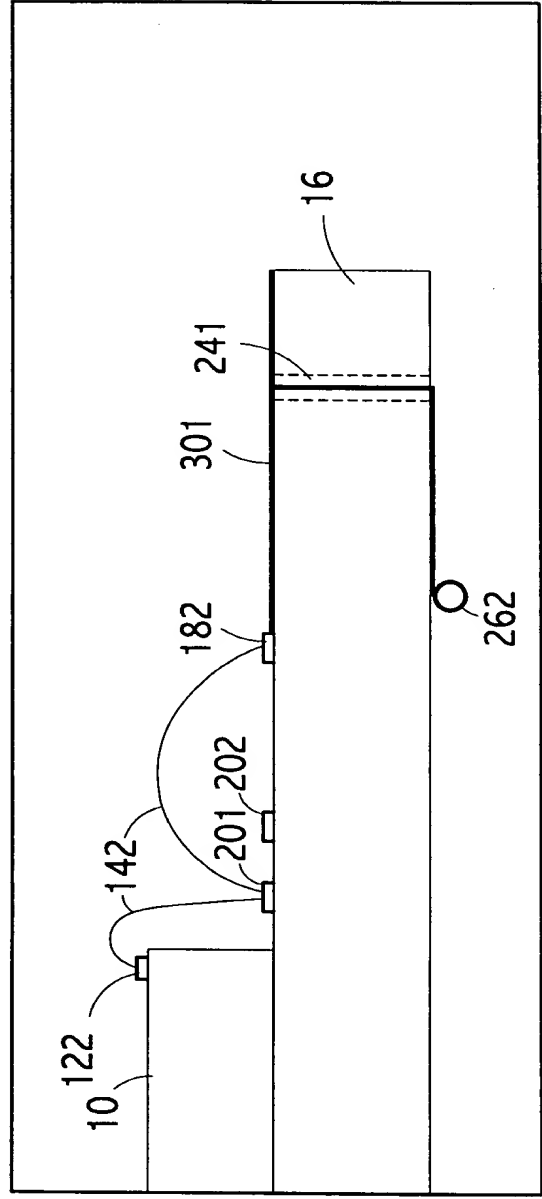


FIG. 4c

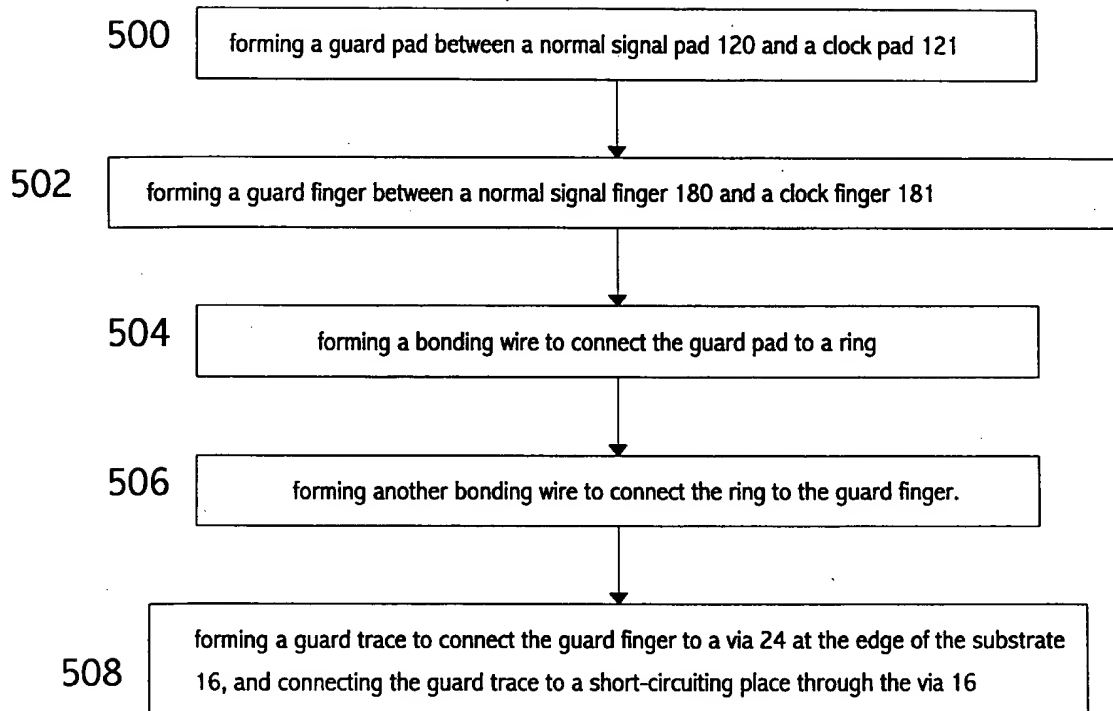


FIG . 5

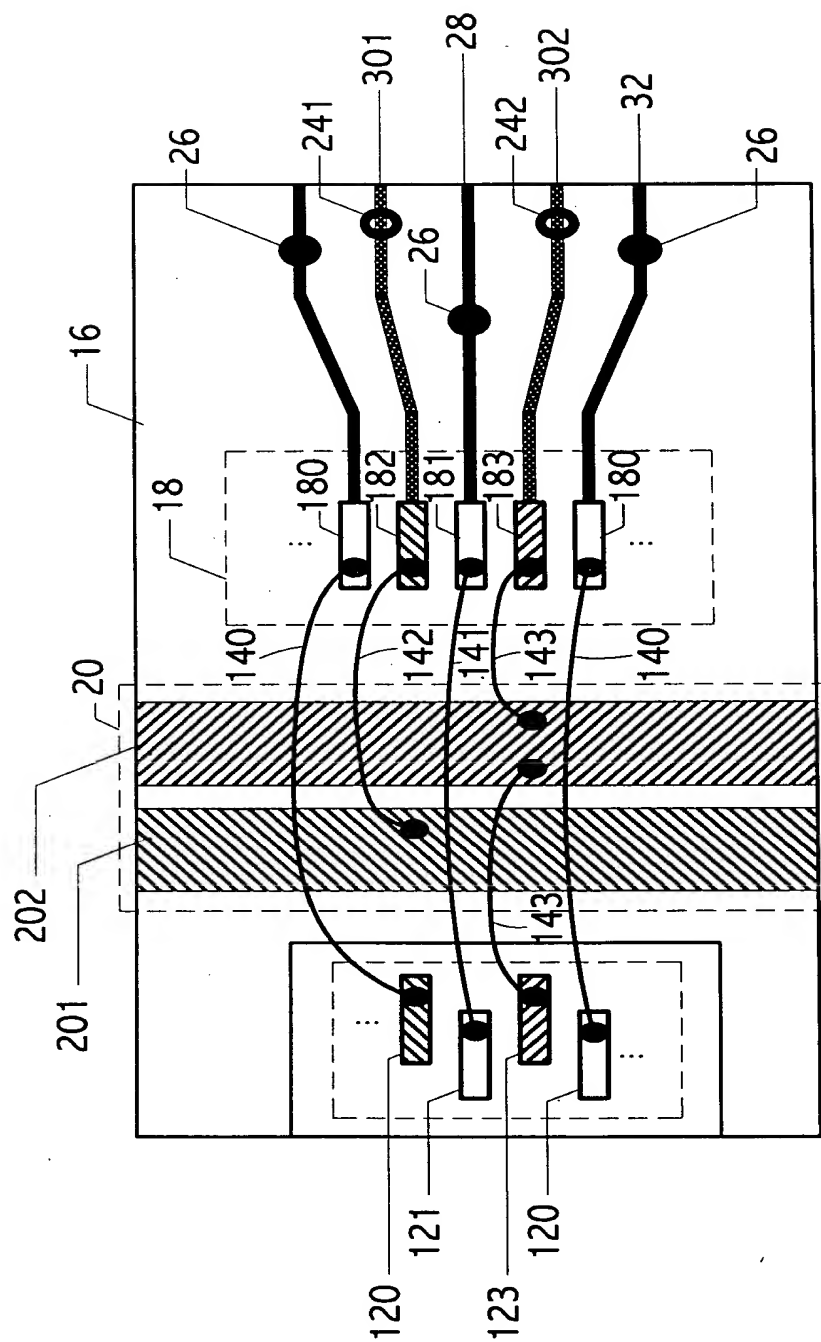


FIG. 6

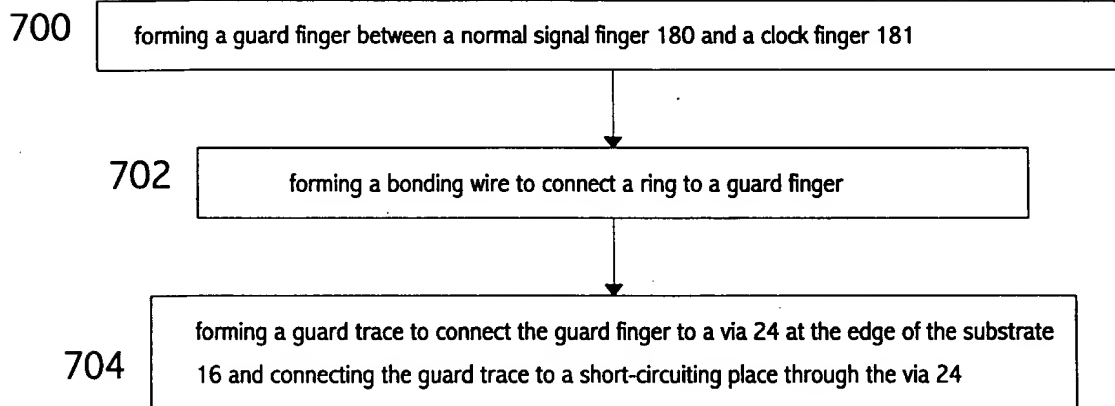


FIG . 7